Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for network management comprising:

loading, by a network management engine, a component for execution;

linking, by the network management engine, the component to a network;

modifying, by the network management engine, operating parameters of the component;

tracking changes to a plurality of components in ~~one or more networks~~ the network through [[a]] the network management engine;

modifying tracking information for tracking the plurality of components ~~using said~~ by the network management engine;

implementing tracking modifications made ~~through said~~ by the network management engine on the ~~one or more networks~~ network;

detecting a failing component based at least in part on ~~said~~ the tracking changes and generating a problem ticket in response to the detecting, wherein the problem ticket comprises information related to the failing component;

determining an owning group of the failing component; ~~and~~

routing the problem ticket to the owning group; and

tracking repair status information for repairing the failing component and comparing the repair status information to a pre-established service level agreement specifying a level of service expected for repair of the failing component by the owning group.

2. - 3. (Canceled).

4. (Currently Amended) The method of Claim 1 wherein one or more of ~~said~~ the plurality of components ~~may be is available~~ is accessible to users on ~~said one or more networks~~ the network.

5. (Currently Amended) The method of Claim 3 wherein ~~said~~ the changes to ~~said~~ the plurality of components comprises at least one of adding, dividing, multiplying, recompiling, recoding and ~~removal~~ removing of a component.

6. (Currently Amended) ~~A method for~~ ~~tracking a component~~ A computer-readable medium having stored thereon a plurality of instructions, the plurality of instructions comprising:

instructions to add, by a network management engine, a component to a network;

instructions to receive ~~receiving~~ changes to ~~said~~ the component at [[a]] the network management engine;

instructions to track ~~tracking said~~ the changes to ~~said~~ the component;

instructions to generate ~~generating~~ network management information related to ~~said~~ the component and ~~said~~ the tracking changes;

instructions to detect ~~detecting~~ that [[the]] the component is failing based at least in part on ~~said~~ the tracking changes and generating a problem ticket in response to the detecting, wherein the problem ticket comprises information related to the failing component;

instructions to determine ~~determining~~ an owning group of the failing component and routing the problem ticket to the owning group; and

instructions to track ~~tracking~~ repair status information for repairing the failing component and comparing the repair status information to a pre-established service level agreement specifying a level of service expected for repair of the failing component by the owning group.

7. (Currently Amended) ~~A~~ The method according to Claim 6, wherein ~~generating~~ the instructions to generate network management information includes assigning metrics to ~~said~~ the changes.

8. (Canceled).

9. (Currently Amended) A network management system that comprises:

a mechanism, used by a network management engine, for loading a component for execution;

a mechanism, used by the network management engine, for linking the component to a network;

a mechanism, used by the network management engine, for modifying operating parameters of the component;

a mechanism for accessing [[a]] the network management engine;

a mechanism for tracking changes to a plurality of components in one or more networks the network through said the program network management engine;

a mechanism for modifying tracking information for tracking the plurality of components using said the network management engine;

a mechanism for implementing tracking modifications made through said the network management engine on the one or more networks the network;

a mechanism for detecting a failing component based at least in part on said the tracking changes;

a mechanism for generating a problem ticket in response to the detecting, wherein the problem ticket comprises information related to the failing component;

a mechanism for determining an owning group of the failing component and routing the problem ticket to the owning group; and

a mechanism for tracking repair status information for repairing the failing component and comparing the repair status information to a pre-established service level agreement specifying a level of service expected for repair of the failing component by the owning group.

10. (Canceled).

11. (Currently Amended) The system of Claim 9 wherein ~~said~~ the network management engine is configured to provide access to multiple subprograms.

12. (Currently Amended) The system of Claim 9 further comprising:

a mechanism for ~~using said network management engine to track~~ tracking information related to the changes in one or more components of ~~said~~ the plurality of components[[;]] ~~wherein said mechanism for tracking functions automatically, manually, or through a combination of automatic and manual actions.~~

13. (Currently Amended) The system of Claim 9 further comprising:

a mechanism for making changes to one or more components of ~~said~~ the plurality of components, wherein ~~said~~ the changes to ~~said~~ the plurality of components comprises at least one of adding, dividing, multiplying, recompiling, recoding and removing ~~removal~~ of a component.

14. (Canceled).

15. (New) The method of Claim 1, further comprising accessing two or more subprograms of the network to facilitate modifying operating parameters of the component;

16. (New) The method of Claim 1, further comprising selecting a region associated with the component, wherein the region restricts modification rights associated with the component.

17. (New) The method of Claim 15, wherein the operating parameters comprise at least one of a subsystem assignment, component ownership information, component priority, desired failure processing time, component usage, and component access restrictions.

18. (New) The method of Claim 17, wherein the operating parameters are based at least in part on the pre-established service level agreement.

19. (New) The method of Claim 1, further comprising:

    monitoring the component in response to the loading of the component;

    notifying an owner of the component in response to a failure associated with the component; and

    automatically accepting the loading the component in response to a lack of a failure associate with the component.

20. (New) The method of Claim 1, further comprising modifying the plurality of components in a real-time batch process.

21. (New) The method of Claim 20, including moving the component to a different subsystem of the network.

22. (New) The method of Claim 1, further comprising grouping the network into containers to facilitate collation of the plurality of components.

23. (New) The method of Claim 1, wherein the network management engine is accessible using a web-based interface.

24. (New) The method of Claim 1, wherein the tracking changes further comprises updating a database with the changes to the plurality of components, wherein the database is configured to store the changes to the plurality of components in the network.